

ALMO LABORATORIES -- NUODINE -- 6840-00-526-1129

===== Product Identification =====

Product ID:NUODINE

MSDS Date:11/01/1986

FSC:6840

NIIN:00-526-1129

MSDS Number: BWDVZ

=== Responsible Party ===

Company Name:ALMO LABORATORIES

City:CEDAR GROVE

State:NJ

Country:US

Info Phone Num:NOT LISTED

Emergency Phone Num:800-424-9300(CHEMTREC)

CAGE:2L997

=== Contractor Identification ===

Company Name:ALMO LABO

RATORIES

Box:City:CEDAR GROVE

State:NJ

Country:US

CAGE:2L997

Company Name:DOWNEAST CHEMICAL AND FASTENER CO

Address:540 DEERING AVE

Box:7250

City:PORTLAND

State:ME

ZIP:04112

Country:US

Phone:800-424-9300(CHEMTREC)

CAGE:0ABA8

===== Composition/Information on Ingredients =====

Ingred Name:PHOSPHORIC ACID (SARA 313) (CERCLA)

CAS:7664-38-2

RTECS #:TB6300000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3

ACGIH TLV:1 MG/M3/3 STEL; 9495

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:IODINE
CAS:7553-56-2
RTECS #:NN1575000
Other REC Limits:NONE RECOMMENDED
OSHA PEL:C 0.1 PPM
ACGIH TLV:C 0.1 PPM; 9495

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===== Hazards Identification =====

LD50 LC50 Mixture:LD50 (ORAL, RAT) IS UNKNOWN.
Routes of Entry: Inhalation:NO Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:TARGET ORGANS:EYE, SKIN. ACUTE-
CORROSIVE (UNDILUTED). EYE CONTACT MAY CAUSE SEVERE IRRITATION &
BURNS.
VERY IRRITATING TO SKIN. INHALATION AND INGESTION NOT
LIKELY. CHRONIC- NONE AT USE LEVEL.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:EYES, SKIN IRRITATION AND BURNS
Medical Cond Aggravated by Exposure:PERSONS WITH PRE-EXISTING SKIN
DISORDERS, EYE PROBLEMS MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF
THIS PRODUCT.

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===== First Aid Measures =====

First Aid:GET MEDICAL ATTENTION IF SYMPTOMS PERSIST.
EYE/SKIN:IMMEDIATELY FLUSH WITH
WATER FOR 15 MINUTES. HOLD EYELIDS
OPEN. INHALED:REMOVE TO FRESH AIR. ORAL:DO NOT INDUCE VOMITING. IF
CONSCIOUS, DRINK MILK. GET MEDICAL ATTENTION.

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===== Fire Fighting Measures =====

Flash Point:NONE
Extinguishing Media:WATER
Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT SUCH
AS GLOVES, HOODS, SUITS, RUBBER BOOTS AND A NIOSH-APPROVED
FULL-FACE SELF CONTAINED BREATHING APPARATUS.
Unusual Fire/Explosion Hazard:MAY EMIT TOXIC

FUMES OF IODINE.

===== Accidental Release Measures =====

Spill Release Procedures:NEUTRALIZE WITH SODIUM BICARBONATE AND FLUSH DOWN DRAIN IF PERMITTED. VENTILATE AREA.

Neutralizing Agent:SODIUM BICARBONATE

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN CLOSED CONTAINERS, IN DRY WARM PLACE AWAY FROM INCOMPATIBLE MATERIALS. DO NOT REUSE CONTAINERS.

Other Precautions:KEEP OUT OF REACH OF CHILDREN. DO NOT GET IN EYES, ON

SKIN OR ON CLOTHING. WASH THOROUGHLY AFTER HANDLING. DO NOT INGEST.

DO NOT MIX WITH OTHER CHEMICALS.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:NOT NEEDED.

Ventilation:LOCAL EXHAUST

Protective Gloves:NEOPRENE OR RUBBER SUGGESTED

Eye Protection:SAFETY GOGGLES, GOOD PRACTICE

Other Protective Equipment:EYE WASH STATION & EMERGENCY SHOWER SHOULD BE IN CLOSE PROXIMITY.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND

RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR

FOOTWEAR.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:C1

NRC/State Lic Num:NOT RELEVANT

Boiling Pt:B.P. Text:313F,156C

Vapor Pres:24

Vapor Density:1

Spec Gravity:1.13

Evaporation Rate & Reference:1 (WATER=1)

Solubility in Water:COMPLETE

Appearance and Odor:BROWN LIQUID - MILD IODINE ODOR

===== Stability and Reactivity Data =====

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Stability Indicator/Materials to Avoid: YES
REDUCING AGENTS, CHLORINATED PRODUCTS
Hazardous Decomposition Products: TOXIC FUMES OF IODINE

===== Disposal Considerations =====

Waste Disposal Methods: DISPOSAL MUST BE MADE IN ACCORDANCE WITH ALL
APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

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